

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No.

U-149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

NATURAL BUTTES UNIT

8. Lease Name and Well No.

NBU 1021-11E

9. API Well No.

43-047-35267

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area

SEC 11-T10S-R21E

12. County or Parish

Uintah

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3A. Address

P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)

(435) 781-7060

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface SWNW 1968' FNL 690' FWL

4424676Y 39.96476  
625897X -109.52593

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

20 Miles Southeast of Ouray, UT

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

690'

16. No. of Acres in lease

480

17. Spacing Unit dedicated to this well

40

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

Refer to  
Topo C

19. Proposed Depth

9400'

20. BLM/BIA Bond No. on file

CO-1203

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5114.4' GL

22. Approximate date work will start\*

Upon Approval

23. Estimated duration

To Be Determined

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature

Title

Name (Printed/Typed)

DEBRA DOMENICI

Date

9/26/2003

Approved by (Signature)

Title

SR ADMINISTRATIVE ASSISTANT

Federal Approval of this  
Action is Necessary

Name (Printed/Typed)

BRADLEY G. HILL

Date

10-06-03

Officer ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

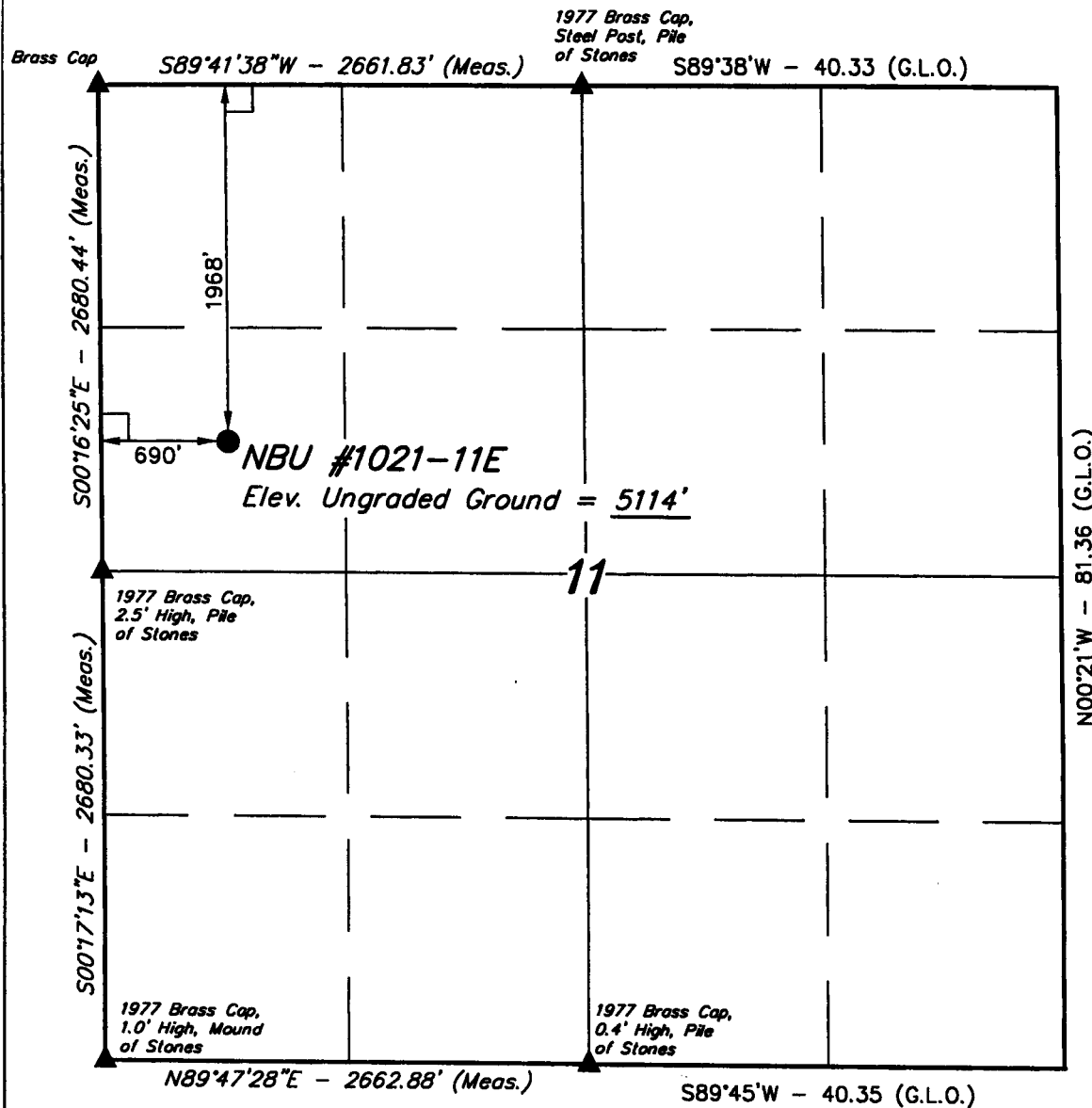
\*(Instructions on reverse)

RECEIVED

OCT 01 2003

DIV. OF OIL, GAS & MINING

**T10S, R21E, S.L.B.&M.**



**WESTPORT OIL AND GAS COMPANY, L.P.**

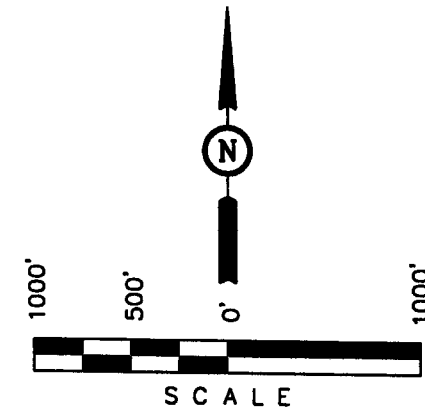
Well location, NBU #1021-11E, located as shown in the SW 1/4 NW 1/4 of Section 11, T10S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. [Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 1612  
 STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 39°57'53.37" (39.964825)  
 LONGITUDE = 109°31'33.97" (109.526103)

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

|                         |  |                        |
|-------------------------|--|------------------------|
| SCALE<br>1" = 1000'     | DATE SURVEYED:<br>7-17-03                  | DATE DRAWN:<br>7-29-03 |
| PARTY<br>D.K. J.S. C.G. | REFERENCES<br>G.L.O. PLAT                  |                        |
| WEATHER<br>HOT          | FILE<br>WESTPORT OIL AND GAS COMPANY, L.P. |                        |

**NBU #1021-11E  
SW/NW Sec. 11, T10S,R21E  
UINTAH COUNTY, UTAH  
U-149080**

**ONSHORE ORDER NO. 1**

***DRILLING PROGRAM***

**1. Estimated Tops of Important Geologic Markers:**

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta            | 0- Surface   |
| Green River      | 1315'        |
| Wasatch          | 4535'        |
| Mesaverde        | 7400'        |
| TD               | 9400'        |

**2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
|                  | Green River      | 1315'        |
| Gas              | Wasatch          | 4535'        |
| Gas              | Mesaverde        | 7400'        |
| Water            | N/A              |              |
| Other Minerals   | N/A              |              |

**3. Pressure Control Equipment (Schematic Attached)**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

**4. Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

**5. Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

**6. Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9400' TD, approximately equals 3760 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1692 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please see Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see Natural Buttes Unit SOP.*

**NBU #1021-11E  
SW/NW Sec. 11,T10S,R21E  
UINTAH COUNTY, UTAH  
U-149080**

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

An onsite inspection was conducted for the NBU #1022-11E on 9/23/03, for the subject well.

**1. Existing Roads:**

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

**2. Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Approximately 0.2 miles of new access road is proposed. Refer to Topo Map B.

**3. Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

*Please see the Natural Buttes Unit SOP.*

Approximately 200' of high pressure pipeline and 1400' of low pressure pipeline is proposed. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

**5. Location and Type of Water Supply:**

*Please see the Natural Buttes SOP.*

**6. Source of Construction Materials:**

*Please see the Natural Buttes SOP.*

**7. Methods of Handling Waste Materials:**

*Please see the Natural Buttes SOP.*

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S

R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

*Please see the Natural Buttes SOP.*

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 12 mil reserve pit liner with felt will be used if the operator deems that it is necessary.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

*Please see the Natural Buttes SOP.*

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for ***drilled*** seed are:

|                      |        |
|----------------------|--------|
| Indian Rice Grass    | 4 lbs. |
| Scarlet Globe Mallow | 4 lbs. |
| Fourwing Saltbush    | 4 lbs. |

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435)781-4400

**12. Stipulations:****Wildlife Stipulations:****Antelope Stipulations:**

No construction from May 15 through June 20.

**Critical Soils Stipulations:**

No construction when wet.

**13. Other Information:**

A Class III archaeological survey is attached.

A drive-by paleontological survey will be completed. If paleontological concerns the paleontological report will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

**13. Lessee's or Operator's Representative & Certification:**

Debra Domenici  
Administrative Assistant  
Westport O&G Co.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Debra Domenici

9/26/2003

Date



# **WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #1021-11E**

**SECTION 11, T10S, R21E, S.L.B.&M.**

**PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE EXISTING NBU #29 AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE EXISTING NBU #468 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.0 MILES.**

# WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-11E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 11, T10S, R21E, S.L.B.&M.

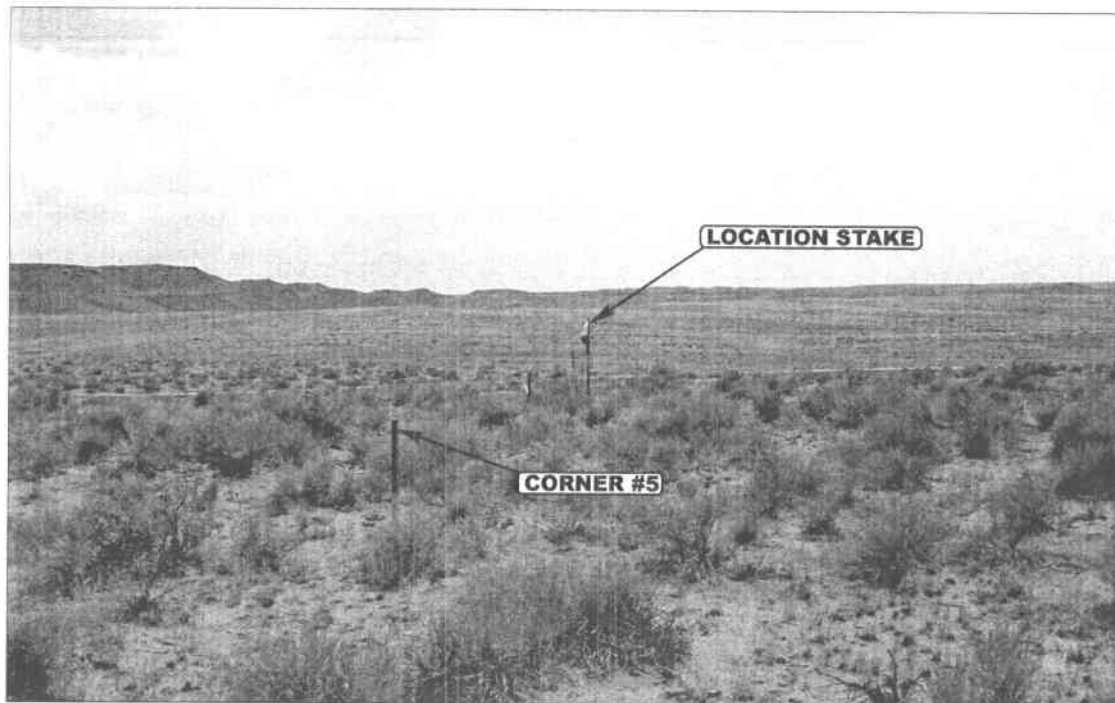


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

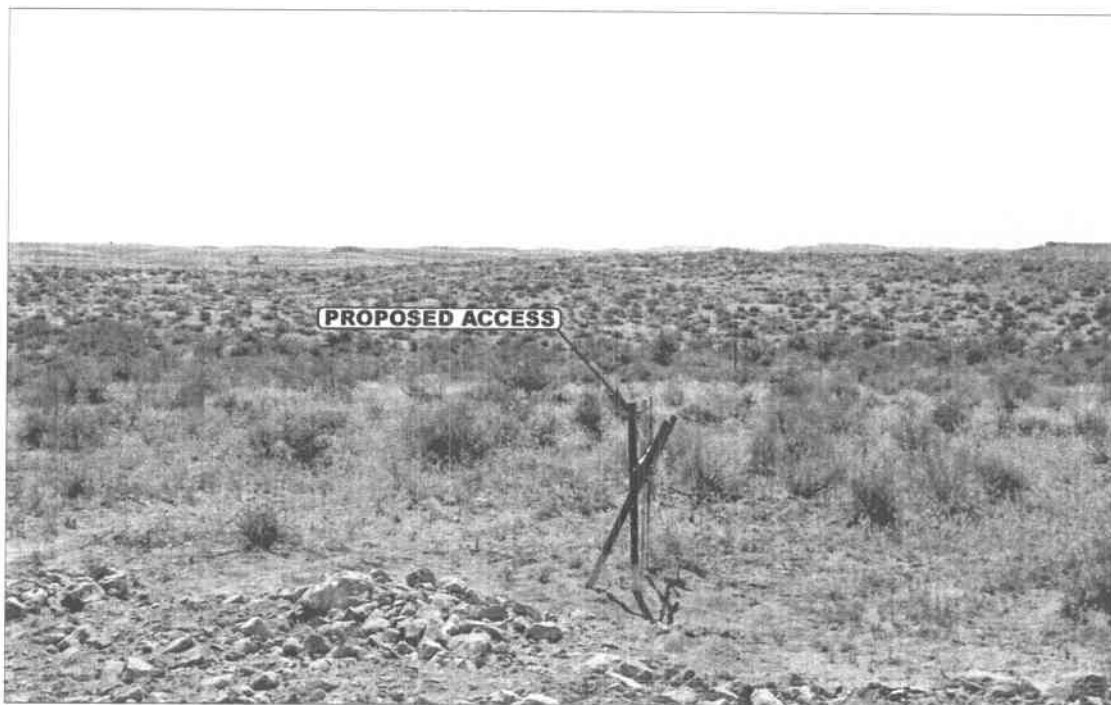


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

**E&L**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

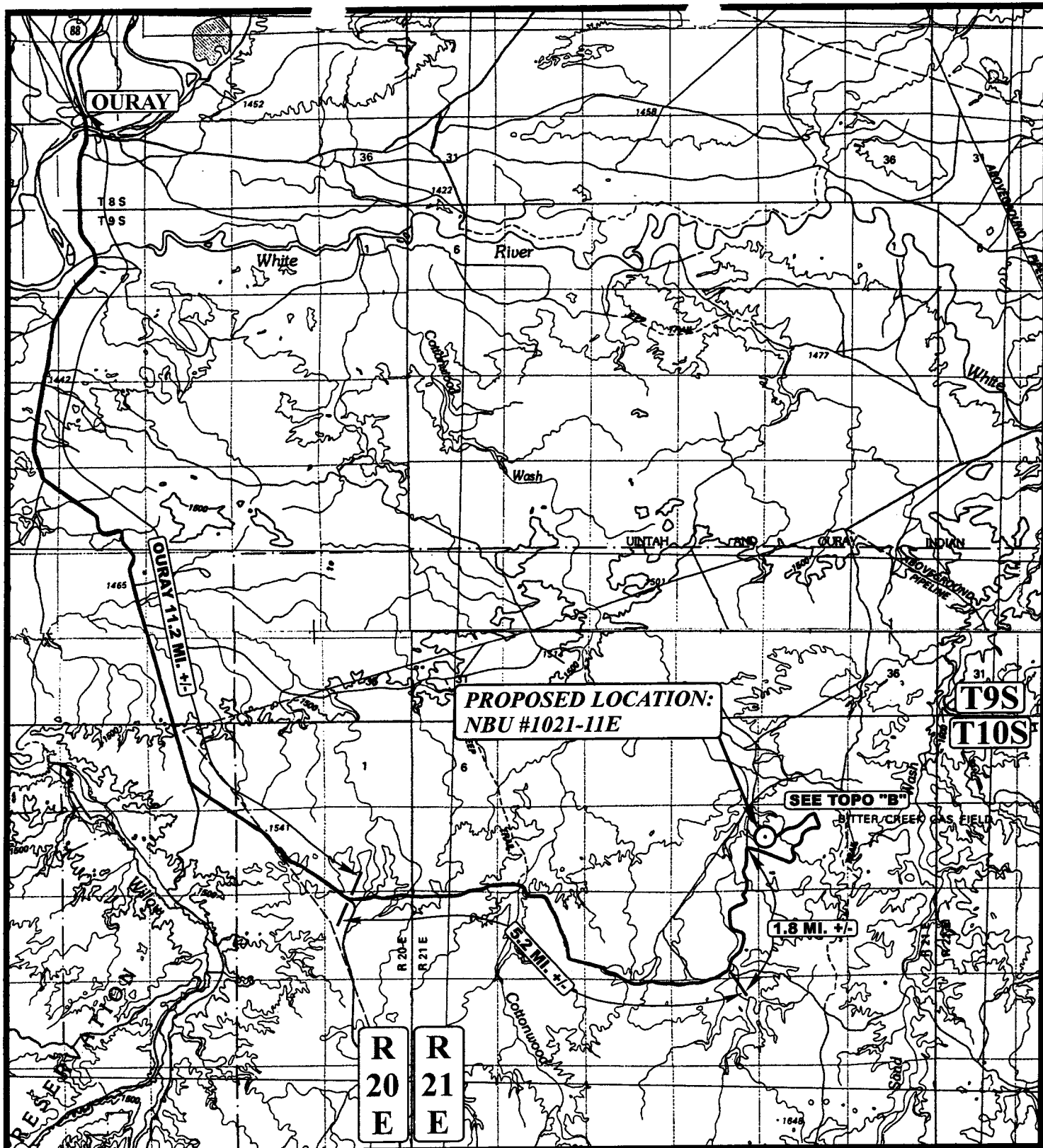
7 28 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: K.G.

REVISED: 00-00-00



# **LEGEND:**

○ PROPOSED LOCATION

**WESTPORT OIL & GAS COMPANY, L.P.**

NBU #1021-11E

SECTION 11, T10S, R21E, S.L.B.&M.

1968' FNL 690' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

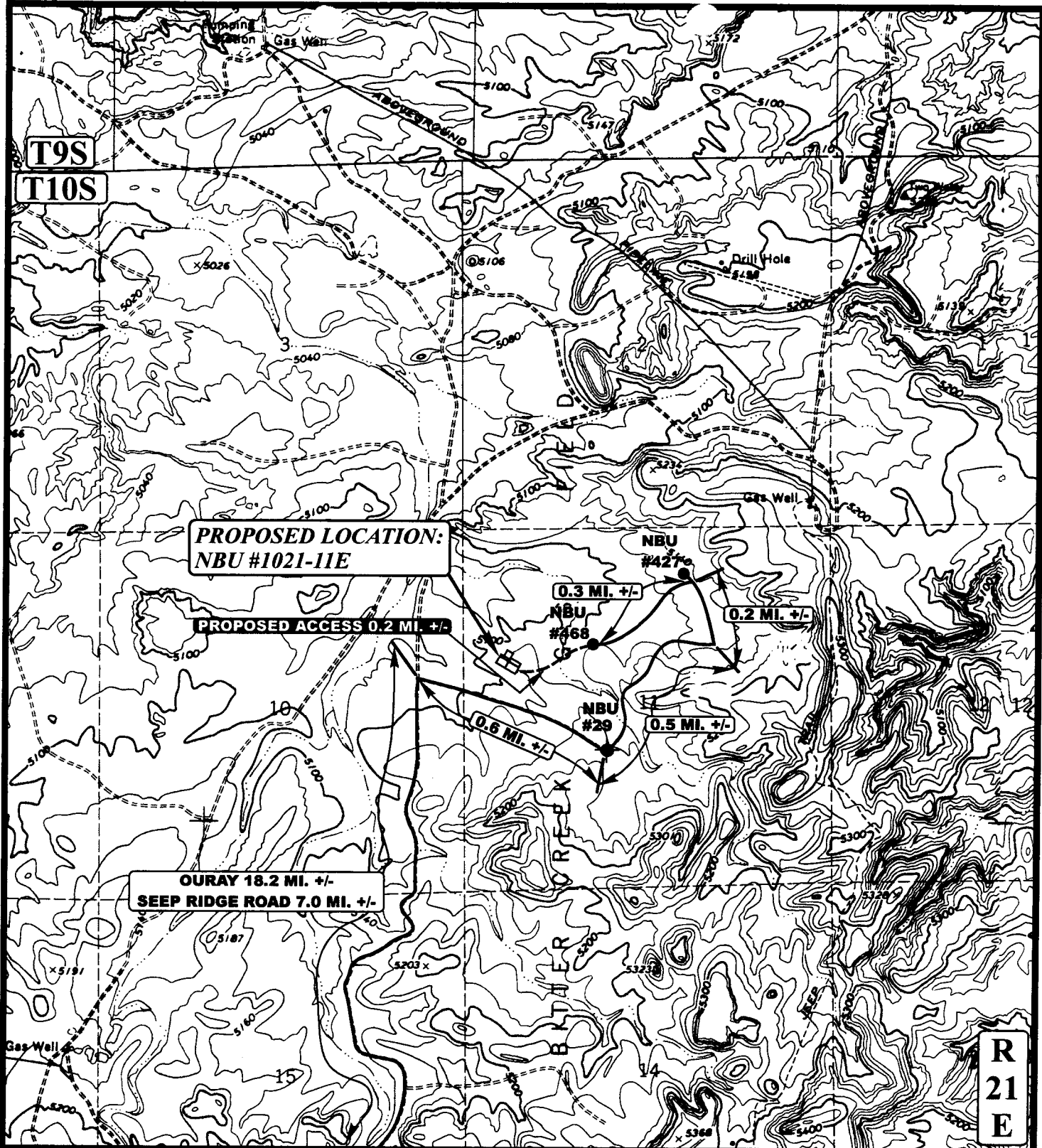


**TOPOGRAPHIC  
MAP**

**7 31 03**  
MONTH DAY YEAR

SCALE: 1:100,000 | DRAWN BY: K.G. | REVISED: 00-00-00





# **LEGEND:**

----- PROPOSED ACCESS ROAD  
 \_\_\_\_\_ EXISTING ROAD



## **WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #1021-11E**  
**SECTION 11, T10S, R21E, S.L.B.&M.**  
**1968' FNL 690' FWL**



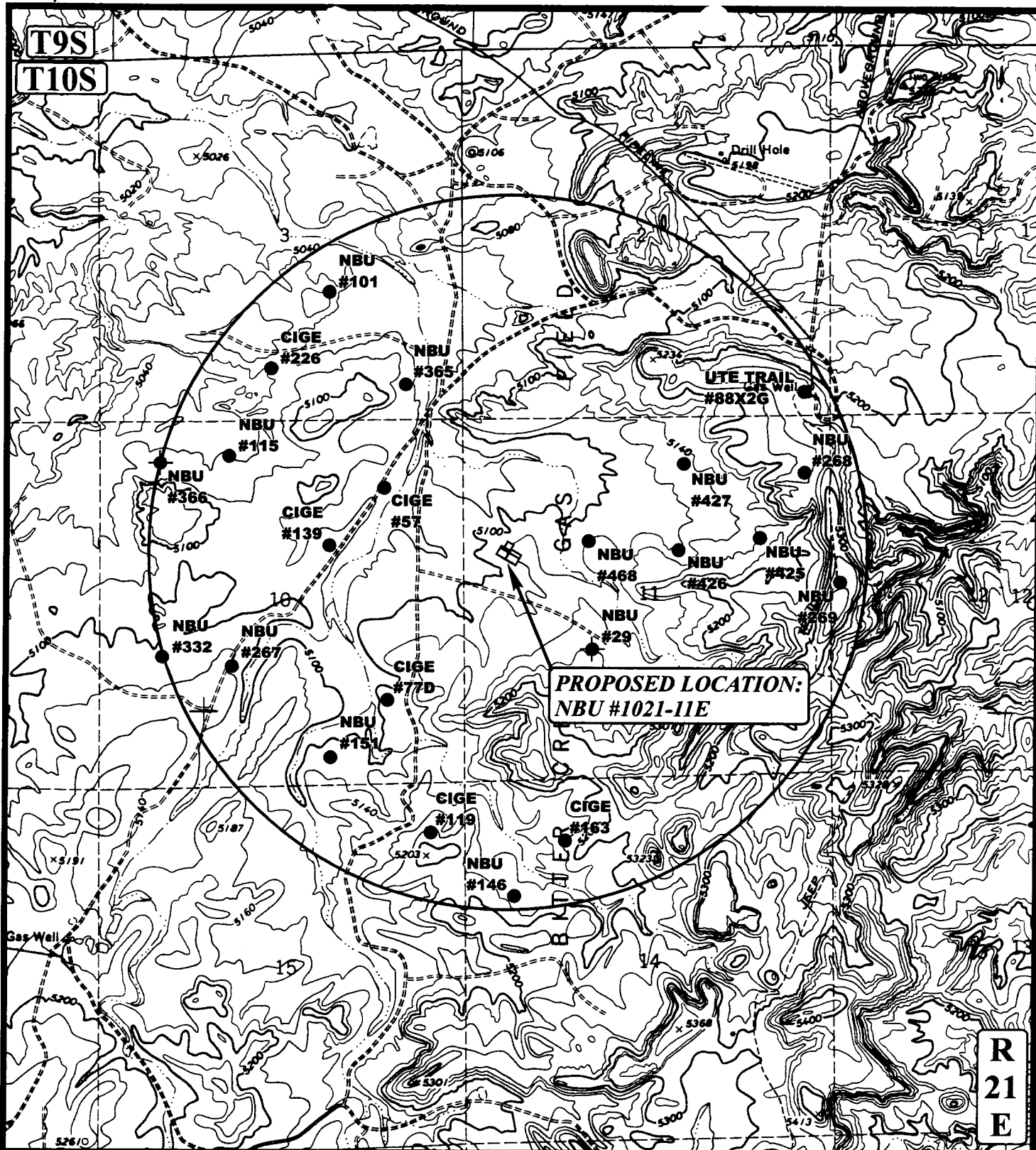
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**7 31 03**  
 MONTH DAY YEAR

**SCALE: 1" = 2000'** **DRAWN BY: K.G.** **REVISED: 00-00-00**

**B**  
**TOPO**



# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

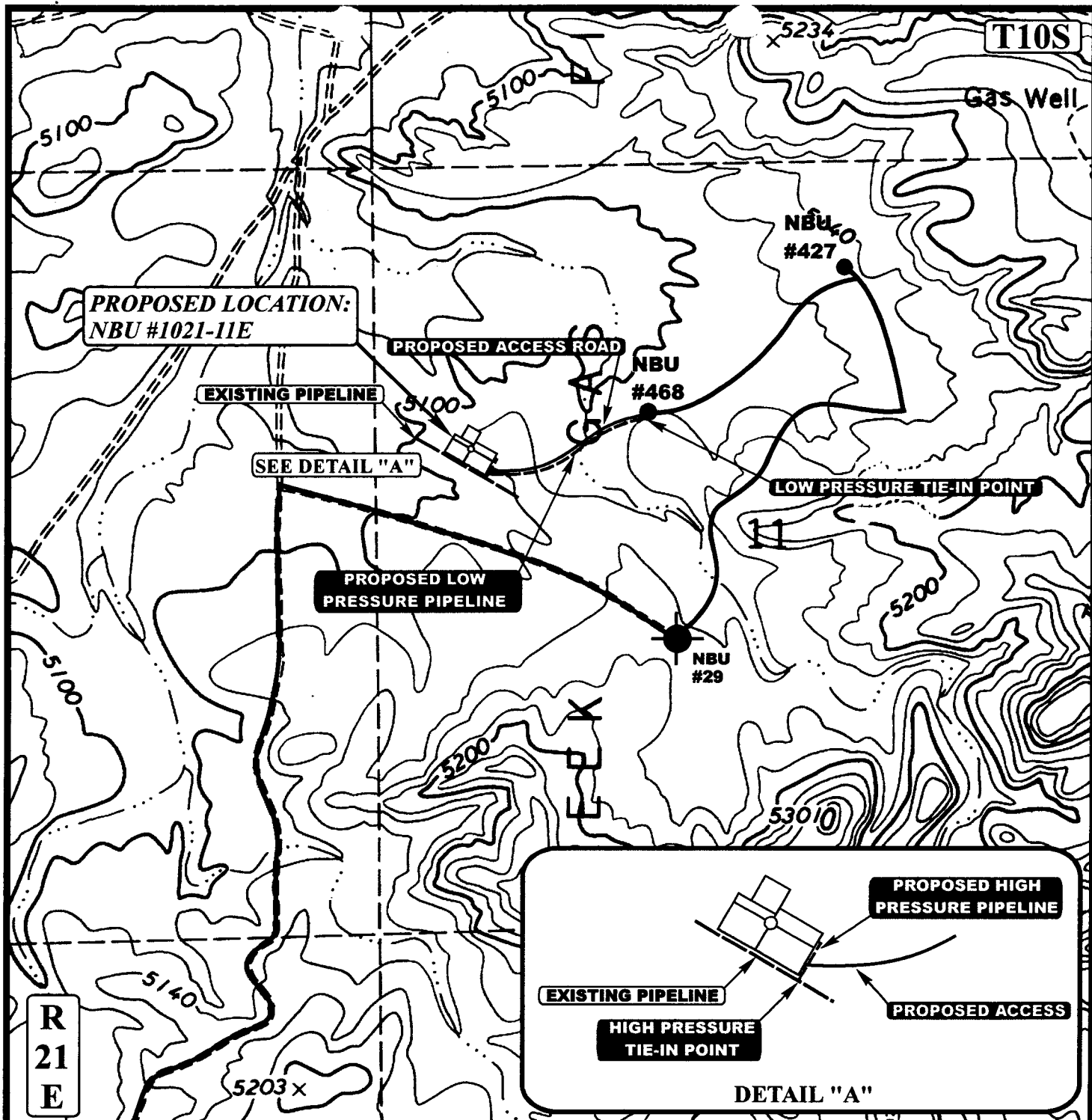


**WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #1021-11E**  
**SECTION 11, T10S, R21E, S.L.B.&M.**  
**1968' FNL 690' FWL**

**TOPOGRAPHIC MAP**  
**7 31 03**  
MONTH DAY YEAR  
**SCALE: 1" = 2000'** **DRAWN BY: K.G.** **REVISED: 00-00-00**





APPROXIMATE TOTAL HIGH PRESSURE PIPELINE DISTANCE = 200' +/-

APPROXIMATE TOTAL LOW PRESSURE PIPELINE DISTANCE = 1,400' +/-

# **LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

**WESTPORT OIL & GAS COMPANY, L.P.**

**NBU #1021-11E**

**SECTION 11, T10S, R21E, S.L.B.&M.**

**1968' FNL 690' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**7 31 03**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00

**D**  
**TOPO**

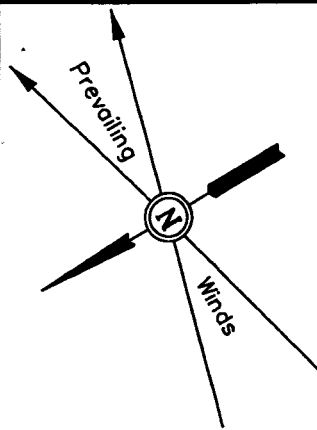
# WESTPORT OIL AND GAS COMPANY, L.P.

## LOCATION LAYOUT FOR

NBU #1021-11E

SECTION 11, T10S, R21E, S.L.B.&M.

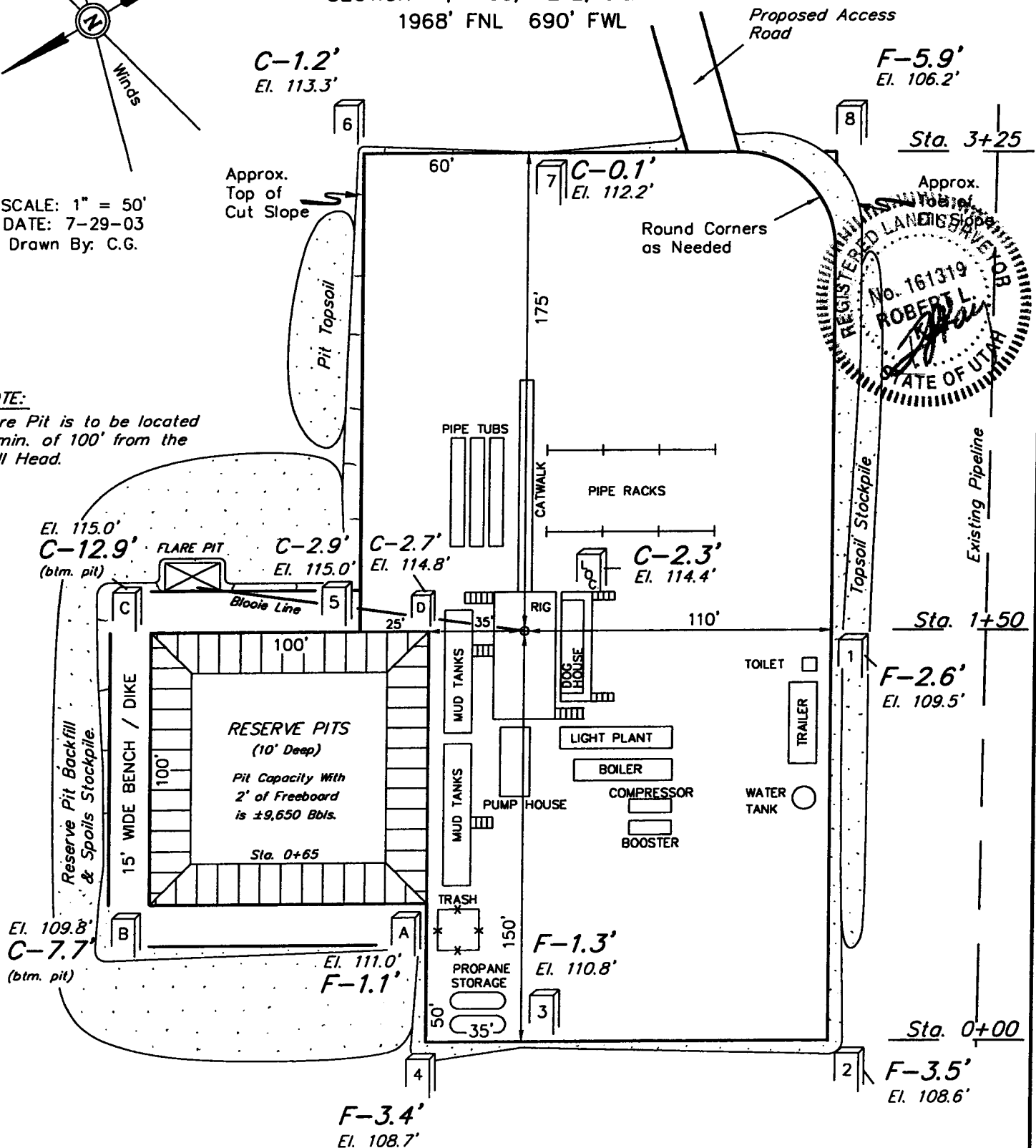
1968' FNL 690' FWL



SCALE: 1" = 50'  
DATE: 7-29-03  
Drawn By: C.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5114.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5112.1'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

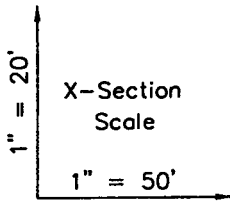
# WELFPORT OIL AND GAS COMPANY, L.P.

## TYPICAL CROSS SECTIONS FOR

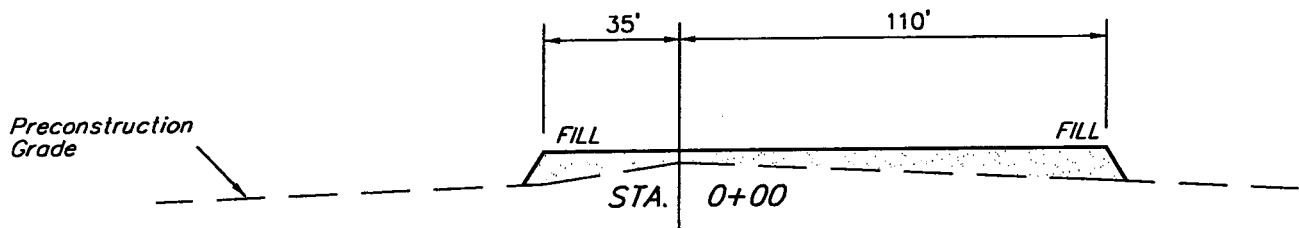
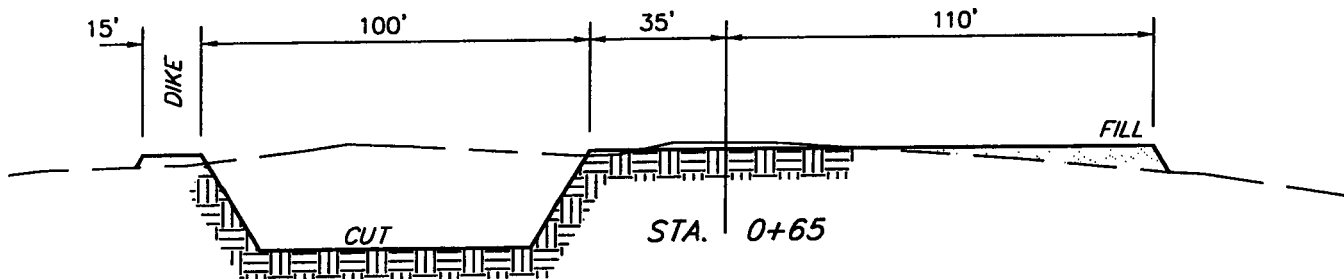
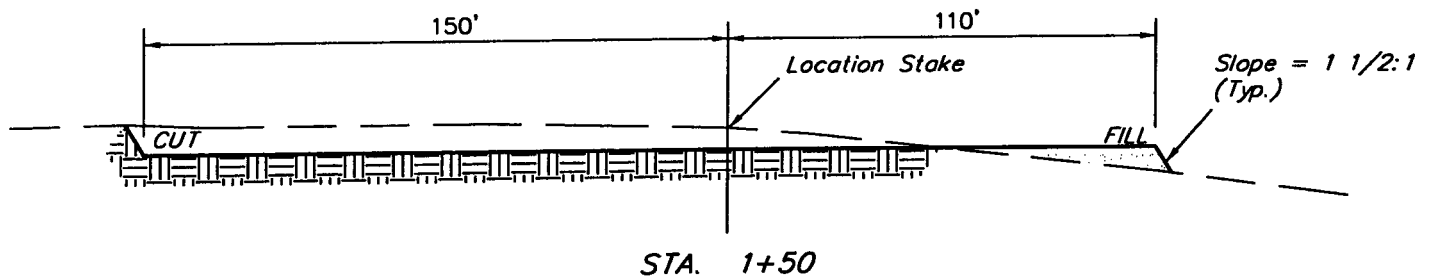
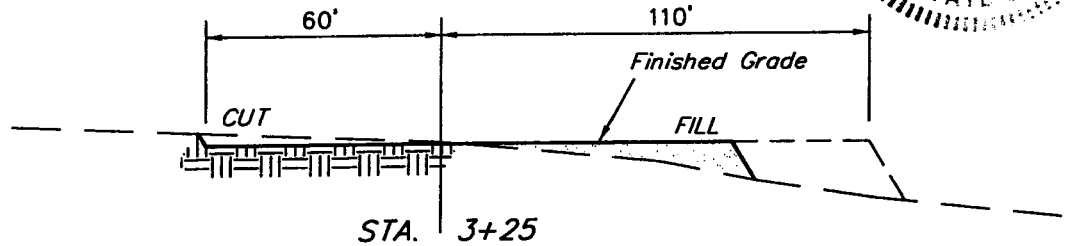
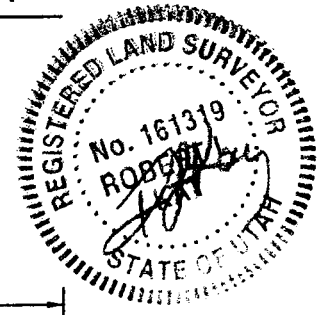
NBU #1021-11E

SECTION 11, T10S, R21E, S.L.B.&M.

1968' FNL 690' FWL



DATE: 7-29-03  
Drawn By: C.G.



**FIGURE #2**

### APPROXIMATE YARDAGES

|                        |                        |
|------------------------|------------------------|
| CUT                    |                        |
| (6") Topsoil Stripping | = 1,220 Cu. Yds.       |
| Remaining Location     | = 4,490 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 5,710 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 2,990 CU.YDS.</b> |

|   |                  |
|---|------------------|
| EXCESS MATERIAL AFTER 5% COMPACTION     | = 2,560 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.)   | = 2,560 Cu. Yds. |
| EXCESS UNBALANCE (After Rehabilitation) | = 0 Cu. Yds.     |

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



**CULTURAL RESOURCE INVENTORY OF  
WESTPORT OIL & GAS COMPANY'S  
NBU #1021-4J, NBU #1021-10H, NBU #1021-11C,  
NBU #1021-11E, and NBU #1021-11L  
WELL LOCATIONS, UINTAH COUNTY, UTAH**

**Keith R. Montgomery**

**CULTURAL RESOURCE INVENTORY OF  
NBU #1021-4J, NBU #1021-10H, NBU #1021-11C,  
NBU #1021-11E, and NBU #1021-11L  
WELL LOCATIONS, Uintah County, Utah**

**Keith R. Montgomery**

**Prepared For:**

**Bureau of Land Management  
Vernal Field Office**

**Prepared Under Contract With:**

**Westport Oil and Gas Company  
1368 South 1200 East  
Vernal, Utah 84078**

**Prepared By:**

**Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532**

**MOAC Report No. 03-126**

**August 14, 2003**

**United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0743b**

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in August 2003 for Westport Oil and Gas Company's five proposed well location with associated access and pipeline routes. The well designations are NBU #1021-4J, NBU #1021-10H, NBU #1021-11C, NBU #1021-11E, and NBU #1021-11L. The project area occurs in the Natural Buttes area, southeast of Ouray, Utah. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The project is situated on land administered by the Bureau of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on August 4 and 5, 2003 by Keith R. Montgomery, (Principal Investigator) under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-03-MQ-0743b issued to MOAC.

A file search was performed by Keith Montgomery at the BLM Vernal Field Office on August 4, 2003. This consultation indicated that several archaeological inventories have been completed in or near the project area. This consultation indicated that several archaeological inventories have been completed near the project area. In 1979, Archeological-Environmental Research Corporation (AERC) completed the Natural Buttes Cultural Mitigation Study in which several sites were documented in the vicinity (Hauck, Weder and Kennette 1979). Metcalf Archaeological Consultants conducted inventories of several well locations for Coastal Oil & Gas Corporation, resulting in no archaeological resources (Scott 1991a and 1991b). In 2001, a number of well locations were inspected by MOAC for El Paso Production in the vicinity of the current project area; no cultural resources were located (Montgomery 2001a, 2001b, 2001c). In 2002, MOAC completed an inventory of El Paso Oil & Gas Company's seven well locations in the Natural Buttes Field in which a late Paleoindian open lithic scatter (42Un3167) was documented outside of the present inventory area (Montgomery 2002).

## DESCRIPTION OF PROJECT AREA

The five proposed Westport Oil & Gas Company's well locations, access and pipeline corridors are situated in the Natural Buttes Field, southeast of Ouray, Utah. The legal description is Township 10S, Range 21E, Sections 4, 10 and 11 (Figures 1; Table 1).

Table 1. Westport Oil & Gas Company's Five Well Locations.

| Well Location Designation | Legal Location      | Access/Pipeline                                      | Cultural Resources |
|---------------------------|---------------------|--|--------------------|
| NBU 1021-4J               | T 10S, R 21E, S. 4  | Pipeline 500'<br>Access 500'<br>Pipeline/Access 600' | None               |
| NBU 1021-10H              | T 10S, R 21E, S. 10 | Access/Pipeline<br>in 10 Acre                        | None               |
| NBU 1021-11C              | T 10S, R 21E, S. 11 | Access/Pipeline 600'                                 | None               |
| NBU 1021-11E              | T 10S, R 22E, S. 11 | Access/Pipeline 1000'                                | None               |
| State 1021-11L            | T 10S, R 21E, S. 11 | Pipeline 1500'                                       | None               |

### Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area occurs on the east side of Cottonwood Wash on the valley floors which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation is between 5100 ft and 5140 ft a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

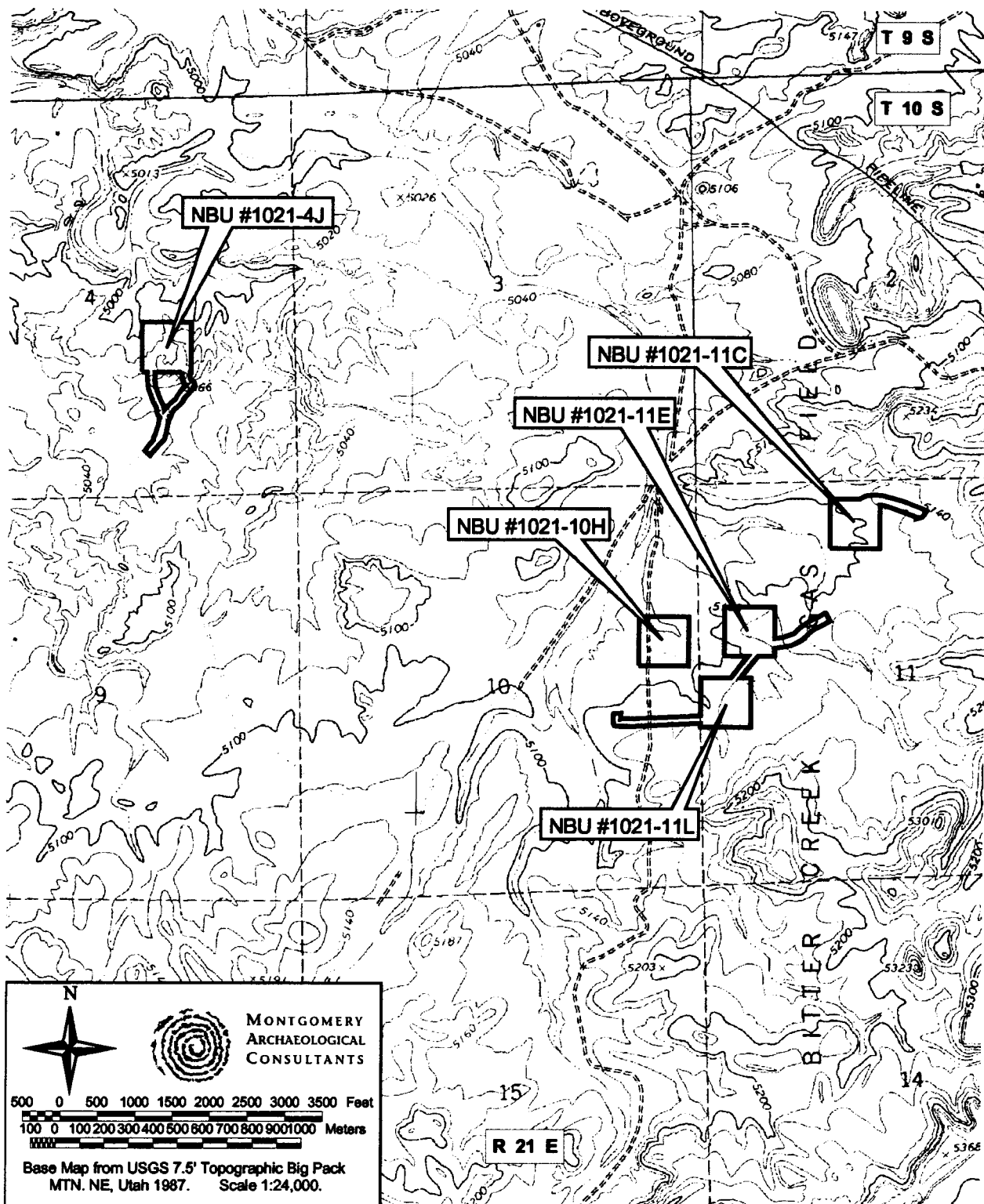


Figure 1. Inventory Area of Westport Oil & Gas Company's NBU #1021-4J, NBU #1021-10H, NBU #1021-11C, NBU #1021-11E, and NBU #1021-11L Well Locations, Uintah Co., UT.

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre or larger area centered on the center stake of the location was surveyed by the archaeologist walking parallel transects spaced no more than 10 m (30 ft) apart. The access and pipeline corridors were 100 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. A wider corridor (150 foot) was inspected when access/pipeline routes shared a corridor. Ground visibility was considered to be good. A total of 63.3 acres was inventoried on land administered by the BLM (Vernal Field Office).

## CONCLUSION AND RECOMMENDATION

The cultural resource inventory of Westport Oil & Gas Company's five proposed well locations with access and pipeline corridors resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for this undertaking pursuant to Section 106, CFR 800.

## REFERENCES CITED

Hauck, F.R., D.G. Weder, and S. Kennette

- 1979      Final Report on the Natural Buttes Cultural Mitigation Study. Archeological-Environmental Research Corp. Salt Lake City, UT. Project No.U-78-AF-0348b. On file at the BLM Vernal Field Office.

Montgomery, K.R.

- 2001a      Cultural Resource Inventory of El Paso Production's Natural Buttes 8 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0723b. On file at the Division of State History, Salt Lake City.
- 2001b      Cultural Resource Inventory of El Paso Production's Natural Buttes 11 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0738b. On file at the Division of State History, Salt Lake City.
- 2001c      Cultural Resource Inventory of El Paso Production's Natural Buttes Seven Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-0803b. On file at the Division of State History, Salt Lake City.
- 2002      Cultural Resource Inventory of El Paso Oil & Gas Federal #29-10-22, Federal #29-10-22, Federal #31-10-22, NBU #468, NBU #469, NBU #470, and NBU #472 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-02-MQ-0615b,s. On file at the Division of State History, Salt Lake City.

Scott, J.M.

- 1991a      Cultural Resource Inventory for Coastal Oil & Gas Corporation's Several Wells, Access Roads, and Pipelines, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project NO. U-91-MM-0316b.
- 1991b      Cultural Resource Inventory for Coastal Oil & Gas Corporation's NBU 150 Well Pad and Access Location, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-0055b.

Stokes, W.L.

- 1986      *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

004

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/01/2003

API NO. ASSIGNED: 43-047-35267

WELL NAME: NBU 1021-11EOPERATOR: WESTPORT OIL & GAS CO ( N2115 )CONTACT: DEBRA DOMENICIPHONE NUMBER: 435-781-7060

## PROPOSED LOCATION:

SWNW 11 100S 210E

SURFACE: 1968 FNL 0690 FWL

BOTTOM: 1968 FNL 0690 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-149080

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering |          |      |
| Geology     |          |      |
| Surface     |          |      |

LATITUDE: 39.96476

LONGITUDE: 109.52593

## RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. CO-1203 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
 (No. 43-8496 )

☒ RDCC Review (Y/N)  
 (Date: )

☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

R649-2-3.

Unit NATURAL BUTTES

R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling UnitBoard Cause No: 173-124Eff Date: 12-2-1999Siting: 460' fr u boundary & uncomm. tract

R649-3-11. Directional Drill

COMMENTS:

Sup, Separate file

STIPULATIONS:

1- Federal approved  
2- OIL SHALE





## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 3, 2003

## Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Natural Buttes Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2003 within the Natural Buttes Unit, Uintah County, Utah.

| Api Number | Well | Location |
|------------|------|----------|
|------------|------|----------|

(Proposed PZ Mesaverde)

|              |              |                                    |
|--------------|--------------|------------------------------------|
| 43-047-35266 | NBU 1021-11C | Sec 11 T10S R21E 0590 FNL 2149 FWL |
| 43-047-35267 | NBU 1021-11E | Sec 11 T10S R21E 1968 FNL 0690 FWL |
| 43-047-35268 | NBU 1020-13E | Sec 13 T10S R20E 2322 FNL 1143 FWL |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-3-3



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
[www.nr.utah.gov](http://www.nr.utah.gov)

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

October 6, 2003

Westport Oil & Gas Company  
P O Box 1148  
Vernal, UT 84078

Re: Natural Buttes Unit 1021-11E Well, 1968' FNL, 690' FWL, SW NW, Sec. 11,  
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35267.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company  
Well Name & Number Natural Buttes Unit 1021-11E  
API Number: 43-047-35267  
Lease: U-149080

Location: SW NW Sec. 11 T. 10 South R. 21 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No.  
**U-0149080**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

**NATURAL BUTTES UNIT**

8. Lease Name and Well No.

**NBU 1021-11E**

9. API Well No.

**43-047-352107**

10. Field and Pool, or Exploratory

**NATURAL BUTTES**

11. Sec., T., R., M., or Blk. and Survey or Area

**SEC 11-T10S-R21E**

12. County or Parish

**Uintah**

13. State

**UT**

**JAN 30 2004**

**DIV. OF OIL, GAS**

**CO-1203**

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

2. Name of Operator

**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address

**P.O. Box 1148 Vernal, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7060**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface **SWNW 1968' FNL 690' FWL**

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

**20 Miles Southeast of Ouray, UT**

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

**690'**

16. No. of Acres in lease

**480**

17. Spacing Unit dedicated to this well

**40**

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

Refer to  
**Topo C**

19. Proposed Depth

**9400'**

20. BLM/BIA Bond No. on file

**CO-1203**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

**5114.4' GL**

22. Approximate date work will start\*

**Upon Approval**

23. Estimated duration

**To Be Determined**

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature

**Debra Domenici**

Name (Printed/Typed)

**DEBRA DOMENICI**

Date

**9/26/2003**

Title

**SR ADMINISTRATIVE ASSISTANT**

Approved by (Signature)

**Edwin I Forsman**

Name (Printed/Typed)

**Edwin I Forsman**

Date

**11/24/03**

Title

**Assistant Field Manager**

Office

**Wildlife Resources**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Westport Oil & Gas Company

Well Name & Number: NBU 1021-11E

API Number: 43-047-35267

Lease Number: UTU - 0149080

Location: SWNW Sec. 11 TWN: 10S RNG: 21E

Agreement: Natural Buttes WS MV

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease, which would entitle the applicant to conduct operations thereon.

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the production-casing shoe.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- No construction or drilling allowed from May 15 to June 20 to protect the pronghorn during their kidding period.
- Paint the facilities Carlsbad Canyon.
- The seed mix for this location shall be:

|                     |                               |             |
|---------------------|-------------------------------|-------------|
| Shadscale           | <i>Atriplex confertifolia</i> | 4 lbs./acre |
| Scarlet globemallow | <i>Sphaeralcea coccinea</i>   | 4 lbs./acre |
| Indian ricegrass    | <i>Oryzopsis hymenoides</i>   | 4 lbs./acre |

-All pounds are in pure live seed.

-Reseeding may be required if first seeding is not successful.

- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

007

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW SECTION 11-T10S-R21E 1968'FNL & 690'FWL

5. Lease Serial No.

U-0149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-11E

9. API Well No.

43-047-35267

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |  |
|--|---|---|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off              |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity              |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other APD (DOGM) |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | EXTENSION  |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

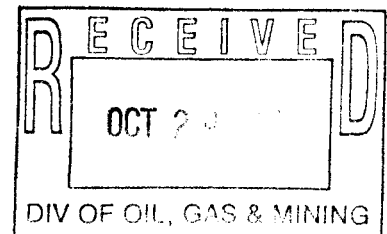
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION, SO THAT DRILLING OPERATIONS MAY BE COMPLETED.

Approved by  
Utah Division of  
Oil, Gas and Mining

Date:

By:



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

October 21, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304735267  
**Well Name:** NBU 1021-11E  
**Location:** SWNW SECTION 11-T10S-R21E  
**Company Permit Issued to:** WESTPORT OIL & GAS CO L.P.  
**Date Original Permit Issued:** 10/6/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

10/21/2004

Date

Title: REGULATORY ANALYST

Representing: WESTPORT OIL & GAS COMPANY L.P.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use form 3160-3 (APD) for such proposals.**

008

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|  |   |  |
|--|---|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>UTU0149080                        |
| 2. Name of Operator<br>WESTPORT OIL & GAS COMPANY LP<br>Contact: SHEILA UPCHEGO<br>E-Mail: supchego@kmg.com                      |   | 6. If Indian, Allottee or Tribe Name                     |
| 3a. Address<br>1368 SOUTH 1200 EAST<br>VERNAL, UT 84078  | 3b. Phone No. (include area code)<br>Ph: 435.781.7024<br>Fx: 435.781.7094 | 7. If Unit or CA/Agreement, Name and/or No.<br>UTU63047A |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 11 T10S R21E SWNW 1968FNL 690FWL                   |   | 8. Well Name and No.<br>NBU 1021-11E                     |
| 10. Field and Pool, or Exploratory<br>NATURAL BUTTES   |   | 9. API Well No.<br>43-047-35267-00-X1                    |
| 11. County or Parish, and State<br>UINTAH COUNTY, UT   |   |  |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION  |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize  |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Deepen   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Alter Casing                                   |
|  | <input type="checkbox"/> Fracture Treat                                 |
|  | <input type="checkbox"/> Casing Repair                                  |
|  | <input type="checkbox"/> New Construction                               |
|  | <input type="checkbox"/> Change Plans                                   |
|  | <input type="checkbox"/> Plug and Abandon                               |
|  | <input type="checkbox"/> Convert to Injection                           |
|  | <input type="checkbox"/> Plug Back                                      |
|  | <input type="checkbox"/> Production (Start/Resume)                      |
|  | <input type="checkbox"/> Reclamation                                    |
|  | <input type="checkbox"/> Recomplete                                     |
|  | <input type="checkbox"/> Temporarily Abandon                            |
|  | <input type="checkbox"/> Water Disposal                                 |
|  | <input type="checkbox"/> Water Shut-Off                                 |
|  | <input type="checkbox"/> Well Integrity                                 |
|  | <input checked="" type="checkbox"/> Other<br>Change to Original A<br>PD |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION, FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED.

RECEIVED

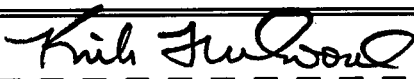
MAY 1 / 2005

CONDITIONS OF APPROVAL ATTACHED

DIV. OF OIL, GAS & MINING

|  |                  |
|--|------------------|
| 14. I hereby certify that the foregoing is true and correct.<br>Electronic Submission #53007 verified by the BLM Well Information System<br>For WESTPORT OIL & GAS COMPANY LP, sent to the Vernal<br>Committed to AFMSS for processing by LESLIE WALKER on 03/09/2005 (05LW1309SE) |                  |
| Name (Printed/Typed) SHEILA UPCHEGO  | Title OPERATIONS |
| Signature (Electronic Submission)  | Date 01/18/2005  |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

|   |                          |             |
|---|--------------------------|-------------|
| Approved By    | Title Petroleum Engineer | Date 5/4/05 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                          |             |
| Office  |                          |             |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

UDOGW

Westport Oil and Gas Company L.P.  
APD Extension

Well: NBU 1021-11E

Location: SWNW Sec. 11, T10S, R21E

Lease: U-0149080

**Conditions of Approval**

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 1/23/06
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW SECTION 11-T10S-R21E 1968'FNL & 690'FWL

5. Lease Serial No.

UTU-0149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-11E

9. API Well No.

43-047-35267

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off            |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity            |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other DOGM APD |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | EXTENSION  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATION MAY BE COMPLETED.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date:

By:

09-28-05  
[Signature]

APPROVED OPERATOR  
9-28-05  
[Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

September 22, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

SEP 26 2005

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35267  
**Well Name:** NBU 1021-11E  
**Location:** SWNW SECTION 11-T10S-R21E  
**Company Permit Issued to:** WESTPORT OIL & GAS CO., L.P.  
**Date Original Permit Issued:** 10/6/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

9/22/2005

Date

Title: REGULATORY ANALYST

Representing: WESTPORT OIL & GAS COMPANY L.P.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address

**1368 SOUTH 1200 EAST, VERNAL, UT 84078**

3b. Phone No. (include area code)

**435-781-7044**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1968' FNL, 690' FWL**

**SECTION 11, T10S, R21E, SLB&M**

5. Lease Serial No.

**U-0149080**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**NATURAL BUTTES**

8. Well Name and No.

**NBU 1021-11E**

9. API Well No.

**43-047-35267**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |   |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>WELL PAD</b>                           |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | <b>EXPANSION</b>                          |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**WESTPORT OIL & GAS COMPANY, L.P. HAS NEED TO INCREASE THE APPROVED WELL PAD 25' ON THE LAYDOWN SIDE AND 25' ON THE DOGHOUSE SIDE OF THE LOCATION TO ACCOMMODATE A LARGER RIG LAYOUT.**

**VERBAL APPROVAL WAS GIVEN BY HOLLY VILLA ON FEBRUARY 22, 2006.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RALEEN WEDDLE**

Title

**REGULATORY ANALYST**

Signature

Date

**February 24, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED  
FEB 28 2006**

**DIV OF OIL, GAS & MINING**

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: WESTPORT OIL & GAS COMPANY LP

Well Name: NBU 1021-11E

Api No: 43-047-35267 Lease Type: FEDERAL

Section 11 Township 10S Range 21E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # 1

### **SPUDDED:**

Date 04/02/06

Time 6:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 781-7035

Date 04/03/2006 Signed CHD



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**Operator: WESTPORT OIL & GAS COMPANY L.P.Operator Account Number: N 2115Address: 1368 SOUTH 1200 EASTcity VERNALstate UTzip 84078Phone Number: (435) 781-7024**Well 1**

| API Number   | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304735482   | NBU 1021-11D          |                   | NWNW      | 11  | 10S | 21E                              | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
| <u>B</u>   | 99999                 | <u>2900</u>       | 4/1/2006  |     |     | <u>4/6/06</u>                    |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>MVRD = WSMVD</u><br>SPUD WELL LOCATION ON 04/01/2006 AT 1200 HRS. <span style="float:right">— K</span> |                       |                   |           |     |     |                                  |        |

**Well 2**

| API Number   | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304735267   | NBU 1021-11E          |                   | SWNW      | 11  | 10S | 21E                              | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
| <u>B</u>   | 99999                 | <u>2900</u>       | 4/2/2006  |     |     | <u>4/6/06</u>                    |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>MVRD = WSMVD</u><br>SPUD WELL LOCATION ON 04/02/2006 AT 0600 HRS. <span style="float:right">— K</span> |                       |                   |           |     |     |                                  |        |

**Well 3**

| API Number   | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304736393   | NBU 921-331           |                   | NESE      | 33  | 9S  | 21E                              | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
| <u>B</u>   | 99999                 | <u>2900</u>       | 4/1/2006  |     |     | <u>4/6/06</u>                    |        |
| Comments: MIRU ROCKY MOUNTAIN DRILLING. <u>WSMVD</u><br>SPUD WELL LOCATION ON 04/01/2006 AT 1200 HRS. <span style="float:right">— K</span> |                       |                   |           |     |     |                                  |        |

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

4/3/2006

Title

Date

To FAIRFEN RUSSELLFrom SHEILA UPCHEGOCo./Dept. UTDOGMCo. WESTPORT OIL & GAS CO. LPPhone # (801) 534-5330Phone # (435) 781-7024Fax # (801) 359-3440Fax # (435) 781-7094

(6/2000)

**RECEIVED****APR 03 2006**

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW SECTION 11, T10S, R21E 1968'FNL, 690'FWL

5. Lease Serial No.

U-0149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-11E

9. API Well No.

4304735267

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off             |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity             |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other WELL SPUD |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40' RAN 14" 36.7# SCHEDULED 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/02/2006 AT 0600 HRS.

RECEIVED

APR 12 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Date

April 3, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

| CA No.    |     | Unit: |     | NATURAL BUTTES UNIT |           |            |           |             |
|-----------|-----|-------|-----|---------------------|-----------|------------|-----------|-------------|
| WELL NAME | SEC | TWN   | RNG | API NO              | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005237**

**APPROVED 5/16/06**

**Earlene Russell**  
Division of Oil, Gas and Mining  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                      |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                      |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MIN. RES.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

U-0149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-11E

9. API Well No.

4304735267

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW SECTION 11, T10S, R21E 1968'FNL, 690'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off               |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity               |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other SET SURFACE |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | CSG   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN JR AIR RIG ON 04/16/06. DRILLED 12 1/4" SURFACE CSG TO 2190' RAN 9 5/8" 32.3# H-40 SURFACE CSG. ON 04/18/06 LEAD CMT W/225 SX PREM LITE II @15.58 PPG 1.15 YIELD. TAILED CMT W/100 SX CLASS G @15.8 PPG 1.15 YIELD TOP OUT W/300 SX CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE HOLE STAYED FULL.

WORT

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Signature

Date

April 20, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

U-0149080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-11E

9. API Well No.

4304735267

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW SECTION 11, T10S, R21E 1968'FNL, 690'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                             |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                             |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2190' TO 9150' ON 06/09/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/350 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1200 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACEMENT W/141.3 BBL FRESH WATER FULL RETURNS UNTIL 135 BBL INTO DISPLACEMENT LOSS RETURNS LAST 6 BBL 5 BBL CMT TO SURFACE BUMP PLUG PLUG HELD. FINAL PSI 2600 BUMP PLUG 500 PSI OVER SET SLIPS W/100K NIPPLE DOWN CUT OFF CSG. INSTALL DRY HOLE FLANGE. CLEAN PITTS.

RELEASED ENSIGN RIG 12 ON 06/11/2006 AT 0600 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

June 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUN 20 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

***Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

***SUBMIT IN TRIPLICATE – Other instructions on reverse side***

|   |                     |
|---|---------------------|
| 5. Lease Serial No.                         | U-0149080           |
| 6. If Indian, Allottee or Tribe Name        |                     |
| 7. If Unit or CA/Agreement, Name and/or No. | NATURAL BUTTES UNIT |
| 8. Well Name and No.                        | NBU 1021-11E        |
| 9. API Well No.                             | 4304735267          |
| 10. Field and Pool, or Exploratory Area     | NATURAL BUTTES      |
| 11. County or Parish, State                 | UINTAH COUNTY, UTAH |

|  |   |
|--|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |   |
| 2. Name of Operator<br>KERR MCGEE OIL & GAS ONSHORE LP   |   |
| 3a. Address<br>1368 SOUTH 1200 EAST VERNAL, UT 84078   | 3b. Phone No. (include area code)<br>(435) 781-7024 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>SWNW SECTION 11, T10S, R21E 1968'FNL, 690'FWL          |   |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

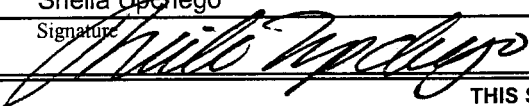
| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                     |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                     |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>PRODUCTION</b> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>START-UP</b>   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 07/09/2006 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

|  |                             |
|--|-----------------------------|
| Name (Printed/Typed)<br>Sheila Upchego   | Title<br>Regulatory Analyst |
| Signature<br> | Date<br>July 10, 2006       |

**THIS SPACE FOR FEDERAL OR STATE USE**

|   |        |      |
|---|--------|------|
| Approved by   | Title  | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office |      |

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**JUL 25 2006**

DIV. OF OIL, GAS & MINING

# KERR MCGEE OIL & GAS ONSHORE, LP

## CHRONOLOGICAL HISTORY

### NBU 1021-11E

|          | SPUD     | Surface Casing<br>Air Rig | Activity                          | Status    |
|----------|----------|---------------------------|-----------------------------------|-----------|
| 03/07/06 |          |                           | Build Location, 10% complete      | Pioneer38 |
| 03/08/06 |          |                           | Build Location, 45% complete, drl | Pioneer38 |
| 03/09/06 |          |                           | Build Location, 60% complete, drl | Pioneer38 |
| 03/10/06 |          |                           | Build Location, 60% complete, drl | Pioneer38 |
| 03/13/06 |          |                           | Build Location, 65% complete      | Pioneer38 |
| 03/15/06 |          |                           | Build Location, 75% complete      | Pioneer38 |
| 03/16/06 |          |                           | Build Location, 75% complete      | Pioneer38 |
| 03/17/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/20/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/21/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/22/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/23/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/24/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/27/06 |          |                           | Build Location, 80% complete      | Pioneer38 |
| 03/30/06 |          |                           | Build Location, 90% complete      | Pioneer38 |
| 03/31/06 |          |                           | Build Location, 95% complete      | Pioneer38 |
| 04/03/06 |          |                           | Location Complete, WOBR           | Pioneer38 |
| 04/06/06 | 04/02/06 |                           | Set conductor, WOAR               | Pioneer38 |
| 04/18/06 | 04/18/06 |                           | Drlg                              | Pioneer38 |
| 04/21/06 | 04/18/06 | 9 5/8" @ 2158'            | WORT                              | Pioneer38 |
| 04/24/06 | 04/18/06 | 9 5/8" @ 2158'            | Ring in, WORT                     | Pioneer38 |

05/31/06

TD: 2190' Csg. 9 5/8"@ 2159' MW: 8.4 SD: 5/XX/06 DSS: 0  
Move rig f/ NBU 1021-11D. 100% moved and 80% rigged up @ report time.

6/1/06

TD: 2650' Csg. 9 5/8"@ 2159' MW: 8.4 SD: 6/01/06 DSS: 1  
Finish rig up. NU and test BOP. PU BHA and DP. Drill cmt and FE. Spud well at 0130 hrs on 6/1/06. Drill and survey f/ 2190'-2650'. DA @ report time.

06/02/06

TD: 4530' Csg. 9 5/8"@ 2159' MW: 8.4 SD: 6/01/06 DSS: 2  
Drill and survey f/ 2650'-4530'. DA @ report time.

06/05/06

TD: 7015' Csg. 9 5/8"@ 2159' MW: 9.3 SD: 6/01/06 DSS: 5  
Drill f/ 4530'-7015'. Wait on parts for brake band repair. (19 hrs) Rig on repair @ report time.

06/06/06

TD: 7202' Csg. 9 5/8"@ 2159' MW: 9.3 SD: 6/01/06 DSS: 6  
Repair brake band on Drawworks. Drill from 7015'-7202'. Pump slug and TFNB and MM. Wash 60' to btm @ report time.

06/07/06

TD: 8115' Csg. 9 5/8"@ 2159' MW: 9.6 SD: 6/01/06 DSS: 7  
Drill from 7202'-8115'. DA @ report time.

06/08/06

TD: 8960' Csg. 9 5/8"@ 2159' MW: 10.2 SD: 6/01/06 DSS: 8  
Drill from 8115'-8960'. DA @ report time.

06/09/06

TD: 9150' Csg. 9 5/8"@ 2159' MW: 10.5 SD: 6/01/06 DSS: 9  
Drill from 8960'-9150'. TFNB. TIH to 3600' and lost returns. Build volume and add 12% LCM. FIH and drill f/ 8976'-9150'. CCH and short trip. Prep to LDDP @ report time.

06/12/06

TD: 9150' Csg. 9 5/8"@ 2159' MW: 10.5 SD: 6/01/06 DSS: 12  
Lay down drill string. Attempt O/H logs w/Baker Atlas, tools failed. Run and cement 4 1/2" Production Casing. Set slips and release rig @ 0600 hrs 6/11/06. RDRT and prepare to move to NBU 1021-4J this am

07/05/06

PROG: 7:00 AM. HSM. MIRU SCHLUMBERGER & CUTTERS TO PERF & FRAC

STG 1 ) RIH W/ 3 3/8" GUNS, 23 GRMS, .35 HOLES, 90 DEG PHASING, 4 SPF PERF 8,981' - 84', 4 SPF, 8,952' - 57', 4 SPF, 8,872' - 75', 4 SPF, 44 HOLES PRESSURE TEST PUMPS & LINES TO 8,420 PSI. WHP 0 PSI, BRK @ 5,987 @ 5.3 BPM ISIP 3,079 PSI, FG .78 PMP 100 BBLs @ 49.5 BPM @ 5,400 PSI, = 35 OF 44 HOLES OPEN MP 7623 PSI, MR 49.7 BPM, AP 5,022 PSI, AR 45.2 BPM, ISIP 3196 PSI, FG .79 NPI 117 PSI, PMP 1,313 BBLs SLICK WATER W/ 35,000 # 30/50 SAND & 5,000 # 20/40 TEMPERED LC RESIN COATED SAND

STG 2 ) RIH W/ 3 3/8" GUNS, 23 GRMS, .35 HOLES, 90 DEG PHASING, 4 SPF SET 8K BAKER CBP @ 8,832' PERF 8,799' - 8,802', 8,735' - 37', 8,710' - 13', 8,655' - 57', 8,590' - 92' 46 HOLES WHP 2,881 PSI, NO BKR ST PUMPING IN @ 3,100 PSI @ 5.3 BPM ISIP 2,907

PSI, FG .78 WE THINK WE HAVE COMMUNICATION W/ ZONE 1 PMP 100 BBLS @ 50.7 BPM @ 5,700 PSI, = 35 OF 46 HOLES HAD PROBLEM W/BLENDER SHUT DOWN RESTART JOB AFTER PUMPING 200 BBLS ZONE FRACED VERY DIFFERENT SEVERAL TIMES THE PRESSURE WENT UP & DOWN. MAY HAVE SCREENED OFF SOME OF THE ZONES. MP 6,849 PSI, MR 51.0 BPM, AP 5,123 PSI, AR 49.3 BPM, ISIP 2,965 PSI, FG .77 NPI 58 PSI, PMP 2,680 BBLS SLICK WATER W/ 82,800 # 30/50 SAND & 7,000 # 20/40 TEMPERED LC RESIN COATED SAND

STG 3 ) RIH W/ 3 3/8" GUNS, 23 GRMS, .35 HOLES, 90 & 120 DEG PHASING, SET 8K BAKER CBP @ 8,380' PERF 8,346' - 50' 3 SPF, 8,314' - 16' 3 SPF, 8,293 - 97' 4 SPF, 8,161' - 64' 3 SPF, 46 HOLES WHP 0 PSI, BKR @ 3,100 PSI @ 5.3 BPM ISIP 2,907 PSI, FG .78 PMP 100 BBLS @ 51.3 BPM @ 4,700 PSI, = 31 OF 43 HOLES MP 5,269 PSI, MR 51.7 BPM, AP 4,260 PSI, AR 50.2 BPM, ISIP 2,700 PSI, FG .71 NPI 622 PSI, PMP 3,041 BBLS SLICK WATER W/109,700 # 30/50 SAND & 5,000 # 20/40 TEMPERED LC RESIN COATED SAND

STG 4 ) RIH W/ 3 3/8" GUNS, 23 GRMS, .35 HOLES, 90 DEG PHASING, SET 8K BAKER CBP @ 7,896' PERF 7,857' - 7,866' 4 SPF, 36 HOLES WHP 0 PSI, BKR @ 2,980 PSI @ 5.3 BPM ISIP 2,080 PSI, FG .70 PMP 100 BBLS @ 51.2 BPM @ 5,400 PSI, = 26 OF 36 HOLES MP 5,865 PSI, MR 51.6 BPM, AP 4,802 PSI, AR 47.5 BPM, ISIP 3,127 PSI, FG .83 NPI 1,047 PSI, PMP 780 BBLS SLICK WATER W/21,100 # 30/50 SAND & 5,000 # 20/40 TEMPERED LC RESIN COATED SAND

STG 5 ) RIH W/ 3 3/8" GUNS, 23 GRMS, .35 HOLES, 120 DEG PHASING, SET 8K BAKER CBP @ 7,659' PERF 7,659' - 7,666', 3 SPF, 7,571' - 74' 3 SPF 7,506' - 10' 3 SPF 42 HOLES SWI, SDFN.

07/06/06

PROG: STG 5 ) WHP 906 PSI, BKR @ 2,735 PSI @ 5.3 BPM ISIP 1,987 PSI, FG .70 PMP 100 BBLS @ 51.6 BPM @ 4,400 PSI, = 35 OF 42 HOLES WITH 25,000 # OF PROP LEFT PUMP PSI INCREASED BY 500 PSI MAY HAVE SCREENED OFF A ZONE. JOB WAS PUMPED TO DESIGN. MP 2,735 PSI, MR 51.7 BPM, AP 4,121 PSI, AR 50.7 BPM, ISIP 2,621 PSI, FG .84 NPI 634 PSI, PMP 3,882 BBLS SLICK WATER W/140,100 # 30/50 SAND & 5,000 # 20/40 TEMPERED LC RESIN COATED SAND

STG 6 ) RIH W/ 3 1/8" GUNS, 12 GRMS, .34 HOLES, 120 DEG PHASING, SET 8K BAKER CBP @ 6,613', PERF 6,577' - 83' 3 SPF, 6,540' - 47' 3 SPF, 39 HOLES, WHP 0 PSI, BKR @ 5,850 PSI @ 5.3 BPM ISIP 1,354 PSI, FG .70 PMP 100 BBLS @ 50.3 BPM @ 3,900 PSI, = 34 OF 39 HOLES MP 4,745 PSI, MR 52.2 BPM, AP 3,408 PSI, AR 47.8 BPM, ISIP 2,190 PSI, FG .84 NPI 836 PSI, PMP 1,517 BBLS SLICK WATER W/61,000 # 30/50 SAND & 5,000 # 20/40 TEMPERED LC RESIN COATED SAND

KILL PLG ) RIH SET 8K BAKER CBP @ 6,480'. RDMO SCHLUMBERGER & CUTTERS

ND FRAC VALVES NU BOP'S. PU 3 7/8" BIT POBS & SN. DRIFT & TALLY 197 JTS OF 2 3/8" J-55 4.7# TBG. EOT @ 6,2/4'. RU RIG PUMP. SWI SDFN

07/07/06

PROG: 7:00 AM. HSM.  
RIH W/ 9 JTS OF 2 3/8" J-55 4.7# TBG. RU POWER SWIVEL. BRK CIRC  
C/O 5' OF SAND TAG PLG 1 @ 6,480' DRL PLG IN 10 MIN 700 PSI INCREASE RIH  
C/O 30' OF SAND TAG PLG 2 @ 6,613' DRL PLG IN 10 MIN 300 PSI INCREASE RIH  
C/O 60' OF SAND TAG PLG 3 @ 7,730' DRL PLG IN 10 MIN 400 PSI INCREASE RIH  
C/O 30' OF SAND TAG PLG 4 @ 7,896' DRL PLG IN 10 MIN 600 PSI INCREASE RIH  
C/O 30' OF SAND TAG PLG 5 @ 8,380' DRL PLG IN 10 MIN 400 PSI INCREASE RIH  
C/O 30' OF SAND TAG PLG 6 @ 8,832' DRL PLG IN 10 MIN 400 PSI INCREASE RIH  
C/O 00' TO PBTB @ 9,045'. CIRCULATE CLEAN. POOH LD 32 JTS. LAND TBG W/ 255

JTS @ 8,043.96'. ND BOP'S NU FRAC VALVE. DROP BALL TO SHEAR OFF BIT. PUMP  
OFF BIT @ 1,750 PSI. HOOK UP FLOW BACK LINE TURN WELL OVER TO FLOW BACK  
CREW

|  |                         |
|--|-------------------------|
| 306 JTS 2 3/8" J-55 4.7# TBG OUT BOUND | 13,213 BBLS TLTR        |
| 255 JTS LANDED                         | 1,375 BBLS RIG RECOVERY |
| 4 JTS TRANSFERRED TO NBU 20            | 11,838 BBLS LTR         |
| 47 JTS RETURNED                        |                         |

WELL WENT ON SALES: 07/09/2006, 9:00 A.M. 350 MCF, 20/64 CHK, SICP: 1200 #. FTP:  
1150 #, 60 BWPH.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435)-781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SWNW 1968'FNL, 690'FWL

At top prod. interval reported below

At total depth

14. Date Spudded

04/02/06

15. Date T.D. Reached

06/09/06

16. Date Completed

07/09/06

☐ D & A ☒ Ready to Prod.

5. Lease Serial No.

U-0149080

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

UNTI #891008900A

8. Lease Name and Well No.

NBU 1021-11E

9. API Well No.

4304735267

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey or Area

SEC 11, T10S, R21E

12. County or Parish

UINTAH

13. State

UTAH

17. Elevations (DF, RKB, RT, GL)\*

5114'GL

18. Total Depth: MD 9150'  
TVD

19. Plug Back T.D.: MD 9110'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20"       | 14"        | 36.7#       |          | 40'         |                      | 28 SX                       |                   |             |               |
| 12 1/4"   | 9 5/8"     | 32.3#       |          | 2190'       |                      | 625 SX                      |                   |             |               |
| 7 7/8"    | 4 1/2"     | 11.6#       |          | 9150'       |                      | 1550 SX                     |                   |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Set (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-----------------|
| 2 3/8" | 8044'          |                   |      |                |                   |      |                |                 |

25. Producing Intervals

| Formation    | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|-------|--------|---------------------|------|-----------|--------------|
| A) WASATCH   | 6540' | 6583'  | 6540'-6583'         | 0.34 | 39        | OPEN         |
| B) MESAVERDE | 7506' | 8984'  | 7506'-8984'         | 0.35 | 211       | OPEN         |
| C)           |       |        |                     |      |           |              |
| D)           |       |        |                     |      |           |              |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and type of Material                          |
|----------------|--|
| 6540'-6583'    | PMP 1517 BBLs SLICK H2O & 66,000# 30/50 JORDAN SD    |
| 7506'-8984'    | PMP 11,696 BBLs SLICK H2O & 413,700# 30/50 JORDAN SD |

RECEIVED

AUG 21 2006

DIV. OF OIL, GAS & MINING

28. Production - Interval A

| Date First Produced | Test Date              | Hours Tested      | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method  |
|---------------------|------------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------|
| 07/09/06            | 07/16/06               | 24                | →               | 0       | 922     | 408       |                       |             | FLows FROM WELL    |
| Choke Size          | Tbg. Press. Flwg. 624# | Csg. Press. 1278# | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |                    |
| 20/64               | SI                     | 1278#             | →               | 0       | 922     | 408       |                       |             | PRODUCING GAS WELL |

28a. Production - Interval B

| Date First Produced | Test Date                 | Hours Tested      | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method  |
|---------------------|---------------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------|
| 07/09/06            | 07/16/06                  | 24                | →               | 0       | 922     | 408       |                       |             | FLows FROM WELL    |
| Choke Size          | Tbg. Press. Flwg. 624# SI | Csg. Press. 1278# | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |                    |
| 20/64               |                           |                   | →               | 0       | 922     | 408       |                       |             | PRODUCING GAS WELL |

(See instructions and spaces for additional data on reverse side)



## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation            | Top            | Bottom | Descriptions, Contents, etc. | Name | Top         |
|----------------------|----------------|--------|------------------------------|------|-------------|
|                      |                |        |                              |      | Meas. Depth |
| WASATCH<br>MESAVERDE | 4513'<br>7328' | 7328'  |                              |      |             |

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      5. Core Analysis      7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYST

Signature


Date 8/3/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.